

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 08.02.21	Job No.: 00083	ADR Yes/No: N	ADR Date:	ECN #: 1137
Product No.: D117-762		Created By: <i>[Signature]</i>	Approved By: <i>[Signature]</i>	
Product Name: SKIDTUBE		Checked By: <i>[Signature]</i>	General Manager Approval:	

Distribution	Reqd	Resp	Received
Production Manager	X	LL	<i>08.02.22</i>
Production Engineering Coord	X	EC/DD	<i>08/07/31</i>
Director Quality Assurance			
Customer Order Processing			

Distribution	Reqd	Resp	Received
Customer Technical Support			
Marketing			

Reason for Change:
To facilitate the production of D117-762-011 skidtube

Documents Affected:

Release: D3582 Rev A
D3662 Rev A
D3663 Rev A
D3664 Rev A
D3584 Rev A

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	N			
2	Update Blue/Pink/DSI Folder and Electronic Files	N			
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		<i>08.02.22</i>
4	Update Grey Project Binder	N			
5	Move Electronic Files	Y	KJ		<i>08.02.22</i>
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Create/Update Change Record Form	N			
9	Create/Update PPP's	N			
10	Update Controlled PDF Files	Y	KJ		<i>08.02.22</i>
11	Notify TC/FAA of Change	N			
12	Update QSI 021 and/or STC Approval List	N			
13	Update Product Development Summary	N			
14	Update Accpac Database	Y	KJ	As required - majority of parts already entered	<i>08.02.22</i>
15	Update Access (ARC) Database	Y	KJ		<i>08.02.22</i>
16	Update/Verify ARC	N			
17	Update Paperwork Kits in Production	N			
18	Update Qpulse/Laminated Dwgs	N			
19	Update Product Compatability Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	EC/DD	Update Estimate for D117-762-041 per D3582	<i>08/07/31</i>
23	Update FAI Sheets	Y	EC/DD	As required	<i>08/07/31</i>
24	Create/Update CNC Programs	Y	EC/DD	As required	<i>08/07/31</i>
25	Create/Update Tooling	Y	EC/DD	As required	<i>N/A</i>
26	Red Tag Stock (Specify)	N			
27	Rework/Scrap Current Production and/or Stock	N			
28	Update Paperwork Kits in Stock	N			
29	Create/Update MPP	N			
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	N			
32	Notify Eurocopter France	N			
33					

Description / Action:
Still waiting for FAA STC - once received ARC/Blue file/QSI 021 will be updated.
Batch # B37568 and B37569 will need updated D117-762-041 estimates

L Lacelle

From: Bill Beckett [bbeckett@dartaero.com]
Sent: February 21, 2008 8:51 AM
To: 'L Lacelle'
Cc: 'David Shepherd'; mpetsche@dartaero.com; 'Peggy McDonald'
Subject: RE: Conformity inspection to assist with FAA Certification BK117 Skidtubes.

Linda,

Please prepare 2 skidtubes. Assuming we get an affirmative from Metro (as well as a PO for 2 skidtubes) we can ship them the 2 skidtubes, they can use one for conformity inspection and then hang onto them until we get the paperwork finalized at which point they can fly with them.

Please have the skidtubes ready prior to mid-March.

Thanks,

Bill

PS: Peggy - have you got the PO for 2 skidtubes? Would it be OK to ship the 2 to them? This way they would be able to use them immediately after we receive the STC approval.

From: Peggy McDonald [mailto:peggy@darths.com]
Sent: February 20, 2008 2:07 PM
To: ssprute@metroaviation.com
Cc: 'Bill Beckett'; 'David Shepherd'; mpetsche@dartaero.com
Subject: Conformity inspection to assist with FAA Certification BK117 Skidtubes.
Importance: High

Good Afternoon Sam,

Thank you for your continued interest in the products of DART Helicopter Services. As discussed we are very close to obtaining the FAA STC for the replacement Round-I-Beam skidtube for the BK117. We have one task left to complete, and I am hoping Metro Aviation can assist us with the FAA Conformity Inspection on a BK117 aircraft.

David Shepherd, DART's Certification Engineer will be your Point of Contact and can meet with you at Heli-Expo next week. David is currently on holiday, however, I thought it would be best to proceed. Below, please find a section of an email written by David to provide a clearer understanding of our need regarding the conformity inspection.

..... *The idea is that we would bring (1) conforming skidtube and associated paperwork (drawings, work orders, material certification) to the Air Methods facility and install the skidtube on a BK 117 aircraft. The aircraft does not need to be operational. All we require is a fuselage and the landing gear, so the ideal time to do this is when the aircraft is down for maintenance.*

We would require assistance from Metro Aviation to remove the existing skidtube and to install the Dart skidtube. As we discussed, it is our understanding that Metro Aviation has a DAR on staff and is qualified to perform conformity inspections. Therefore, we would require a Metro Aviation DAR to perform a part conformity and an installation conformity of our kit and sign the appropriate 8100-1 (Conformity Inspection Record) and 8130-3 (Authorized Released Certificate) forms. All of our drawings have been approved by FAA DER Dave McClenahan. Dart will provide the 8130-9 (Applicant Statement of Conformity).

Once the Dart skidtube has been inspected and all forms have been signed, we would need

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the assistance of Metro Aviation to remove the Dart skidtube and re-install the original skidtube that was on the aircraft. My experience is that this inspection can be performed in one morning (ie. 4 hours). It looks like we will be ready in March to visit Metro Aviation to perform this inspection, but obviously this depends on your schedule.

I appreciate anything you can do to help us out with this request. Obviously, Dart is prepared to compensate Metro Aviation for their support on this project. We would be pleased to discuss what would be of interest to you.

Assuming that you can help us out, we would need to get the following information from you so that the FAA office in Seattle can prepare the 8120-10 (Request for Conformity):

- a) which MIDO you deal with*
- b) the name of the DAR who could conduct the inspection*

Sam, thank you for your assistance with this project. I look forward to meeting you and Milton at Heli-Expo next week.
Feel free to contact me anytime.

Warm regards
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